42" CLASS (42.0" DIAGONAL) | M4224C-BA

LCD MONITOR

LCD Widescreen Full HD Capable Monitor

NATIVE DISPLAY RESOLUTION
1920 x 1080 (WUXGA) Full 1080p resolution

IMPROVED! ULTRA THIN NARROW BEZEL
16.9mm (0.67")

BACKLIGHT CONTROL

NEW! LAN CONTROL

CONVENIENT EXTERNAL SPEAKER-OUT

INFORMATION DISPLAY FOR SERIAL NUMBER

VIEWING ANGLE and LIFE EXPECTANCY
Enhanced in Portrait Mode

SPLIT ZOOM (self video wall)
Up to 5 x 5 matrix - adjusts for bezel width

IMPROVED! HIGH BRIGHTNESS
700 cd/m^2

CONTRAST RATIO
3000:1 (DCR)

HDMI™/DVI WITH HDCP

SUPER IPS
178° Viewing Angle

OSD and REMOTE CONTROL LOCK

RS-232C CONTROL

OPTIONAL HIDDEN SPEAKERS

RoHS COMPLIANT

3-YEAR LIMITED WARRANTY
parts/labor

NOTE: IP-Cast™ ready via interface box using LG's IP card solution for Digital Signage applications. Contact digitalsignage@lge.com for more information.

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SPLIT ZOOM (SELF VIDEO WALL)

VIDEO WALL CONTROL

The content for each monitor can be easily controlled by selecting the video source per unit.

5 x 5 Matrix (Max)

FEATURES

HIGH BRIGHTNESS, CLEAR CONTRAST RATIO

(700 nits, 10,000:1)

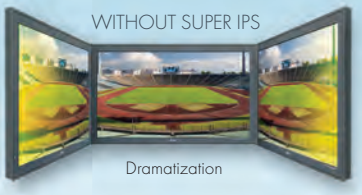
The M4224C sets a new standard in video performance with a brightness of 700 cd/m² and a high contrast ratio of 10,000:1 which surpasses standard monitors.

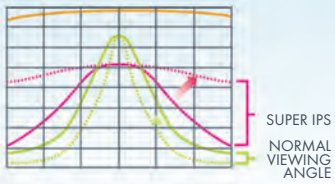
VIEWING ANGLE AND LIFE EXPECTANCY ENHANCED IN PORTRAIT MODE

- 178° (H)/178° (V) viewing angles
- Panel life 50,000 hours (approx.) to half brightness

SUPER IPS

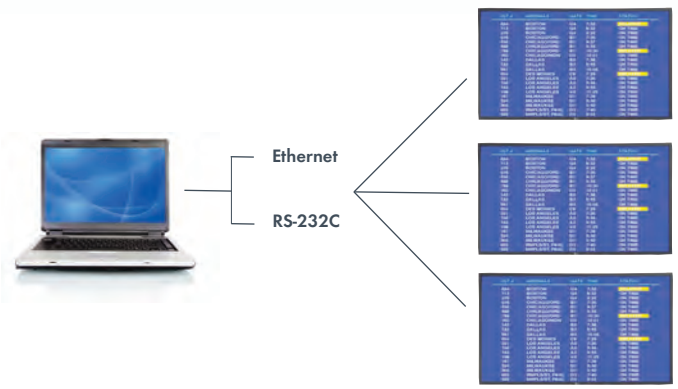
Technology that delivers ultra-wide viewing angles. Ideal for situations where screens are positioned at different angles.





REMOTE CONTROL USING LAN OR RS-232C

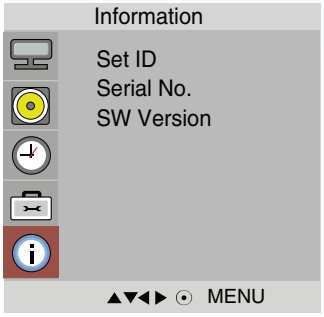
- RJ45 and RS-232C jacks provide the communication interface between the set and external equipment.
- With LAN or RS-232C, functions can be executed at a distance with ease by using a remote control to manage the power on/off, color calibration, aspect ratio, etc...
- LAN control provides a convenient way to manage multiple monitors from a single control center.



MENU CONVENIENCES

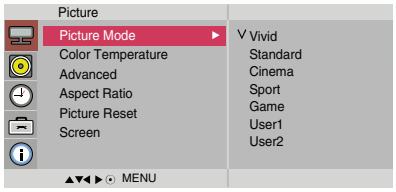
DISPLAY INFORMATION

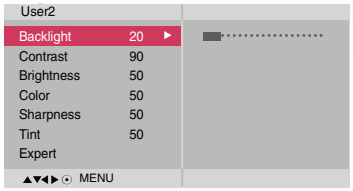
Adjust Set ID and check Serial Number and Software Version.



BACKLIGHT CONTROL

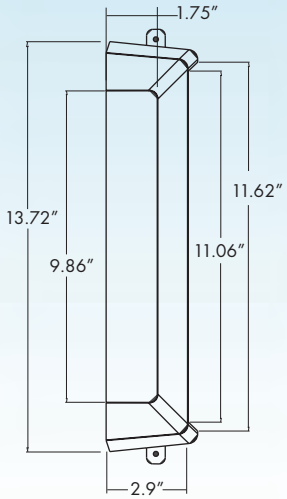
Controls the brightness of the screen by adjusting the LCD panel brightness. The result would be an increase in energy savings if brightness is reduced.

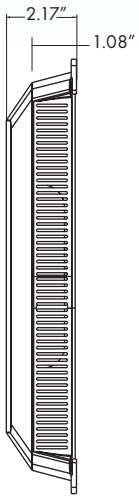


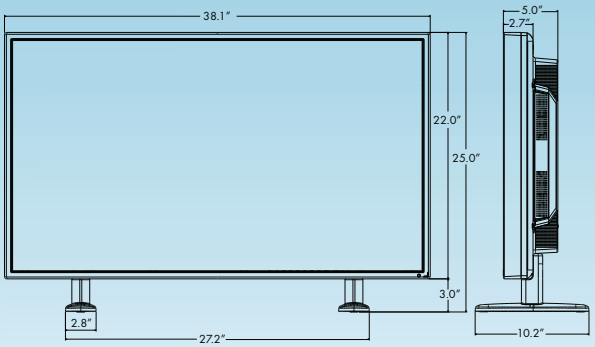


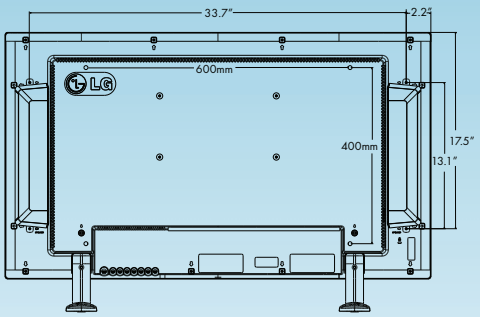
DIMENSIONS

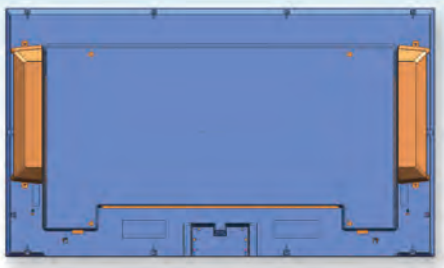
HIDDEN SPEAKERS
SP0000K (optional)







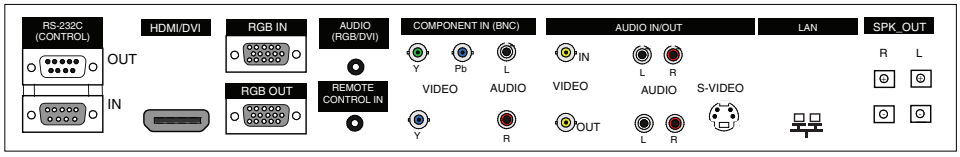




HIDDEN SPEAKERS SP0000K (optional)
Dimensions (WxHxD) 2.9" x 13.7" x 2.2" each
Weight 1.7 lbs (0.85 lbs x 2)
10 Watts

Stand **ST0000K** (optional)
Dimensions (WxHxD) 2.6" x 10.1" x 7.3"
Weight 2.8 lbs (1.4 lbs x 2)

REAR JACK PANEL



LCD MONITOR

M4224C-BA

42" CLASS (42.0" DIAGONAL)

SPECIFICATIONS

PANEL	
LCD Panel Type	42"
Display Area	42.0" diagonal
Aspect Ratio	16 : 9
Native Resolution	1920 x 1080 (WUXGA)
Pixels (H x V x 3)	6,220,800
Brightness	700 cd/m2
Contrast Ratio	3,000:1 (DCR)
Viewing Angle (H x V)	178° x 178°
Super IPS	Yes
Color Depth	10.6 Billion
Response Time	9 ms (G to G)
Surface Treatment	Hard Coating (3H) Anti-glare
MTBF	50,000 Hr. (Minimum) Portrait & Landscape
VIDEO	
Max Input Resolution	1920 x 1080 @ 60Hz (RGB, HDMI/DVI)
Recommended Resolution	1920 x 1080 @ 60Hz (RGB, HDMI/DVI)
H-Scanning Frequency	30 ~ 83kHz (RGB, HDMI/DVI)
V-Scanning Frequency	56 ~ 75 Hz (RGB), 60 Hz (HDMI/DVI)
Pixel Frequency	148.5 MHz (RGB, HDMI/DVI)
Sync Compatability	Separate / Composite / Digital
Video Input	RGB, HDMI/DVI
Picture mode	Vivid/Standard/Cinema/Sports/Game/ User1/User2
Color temperature	Warm/Medium/Cool/User
REAR INPUTS/OUTPUTS	
Component Video	1 Hi-Res (BNC)
PC Input via 15-Pin Sub "D"	1in / 1 out
Composite Video Input/Output	1 (BNC) / 1 (BNC)
Audio Output	1
Audio Inputs	2 Plus PC Sound
HDTV Formats	Component : 720p/1080i/1080p HDMI :720p/1080i/1080p
PC Formats	Auto Scaling to WUXGA
HDMI/DVI with HDCP	Yes
RJ45	Yes
RS-232C Input/Output	1 / 1
S-Video	1 (S-Video has a priority but there is no input mode)
Audio Jack Built-in (No Amp)	Yes
Discrete IR Input	Yes
External_Speaker Out	Yes
AUDIO	
Auto Volume	Yes
Balance	Yes
Audio Power	20W (10W x 2)
Speaker On/off	Yes
Sound mode	Clear Voice/Standard/Music/Cinema/ Sports/Game/User
POWER	
Power Supply	100-240V~, 50/60Hz
Power Type	Built-in Power
Power Switch Type	Tact Switch
Power Saving	
Normal	200 W
Stand-by/Suspend	2W (RGB)/4W (HDMI/DVI)
DPM Off	2W (RGB)/4W (HDMI/DVI
Switch Off	1W

SPECIAL FEATURES	
Backlight Control	Yes
Temperature Sensor	Yes
Split Zoom (Self Video Wall, Max 5 x 5)	Yes, supports natural mode
Source Selection	Digital (HDMI/DVI)/Analog (RGB)/ Component/AV
Brightness/Contrast	Yes
Color	Warm/Medium/Cool User Control (R/G/B)
Position	H / V
Tracking	Auto/Clock/Phase
Set-up	Language(English/French/Spanish/ Italian/German/Portugues/ Korean/Japanese/Chinese/Russian)
ISM Method	Normal/White wash/Orbiter/ Inversion/Dot wash
Advanced	Gamma/Film mode/Black level/ Noise Reduction
Time	Clock/On/off timer/Auto sleep/ Power on Delay
Information display	Serial Number, SET ID, MNT S/W Version, LAN S/W Version
Mute	Yes
Sleep Timer	Yes
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes
CABINET	
Monitor Dimensions (W×H×D)	38.1" x 22.0" x 5.0"
Monitor Weight (W×H×D)	41.2 lbs
Monitor Dimensions w/opt. stand (W×H×D)	38.1" x 25.0" x 10.2"
Weight w/opt. stand	44.1 lbs
Monitor w/opt. stand and opt. speakers (W×H×D)	38.1" x 25.0" x 10.2"
Weight w/opt. stand and opt. speakers	45.8 lbs
Packaging (W×H×D)	38.1" x 22.1" x 4.9"
Weight with Packaging	48.0 lbs
Color	Black/Silver
VESA™ Standard Mount Interface	600mm x 400mm
STANDARD (CERTIFICATION)	
Safety	UL/c-UL/CB scheme/TUV/NEMKO
EMC	FCC Class "B"/VCCI/C-tick/CE/MIC
RoHS Compliant	Yes
UPC	7 19192 18545 6
SERVICE/LIMITED WARRANTY	
Limited Warranty (Parts/Labor)	3 Years
OPTIONAL ACCESSORIES	
SP0000K (speakers)	fits M4224C-BA
Dimensions (W x H x D) (each)	2.9" x 13.7" x 2.2"
Weight (2 speakers)	1.7 lbs
Packaging Dimensions (W x H x D)	15.1" x 5.3" x 6.9"
Packed Weight	2.36 lbs (2 Speakers/1 Package)
ST0000K (stand)	fits M4224C-BA
Dimensions (W x H X D)	2.6" x 10.1" x 7.3"
Weight	2.8 lbs
Packaging Dimensions (W x H X D)	12.4" x 2.8" x 11.0"
Shipping Weight	3.64 lbs.

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SPEC_M4224CBA_010911_PR

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